

CLAIMS

1. A video display system comprising a server for distributing images and a plurality of display devices capable of communicating with each other, wherein one of said display devices communicates with said server, receives said images from said server, and transmits said images received to said another display device according to a request from said server or a request from said another display device.
10 2. A video display system comprising a server for distributing images and a display device capable of communicating with said server and a user terminal, wherein a frequency for communication between said server and said display device differs from and is higher than a frequency for communication between said display device and said user terminal.
15 3. A video display system including a plurality of display devices capable of communicating with each other, wherein each of said plurality of display devices can communicate with a user terminal and a frequency for communication between said plurality of display devices differs from and is higher than a frequency for communication between each of said display devices and said user terminal.

4. A video display system comprising a server for distributing images and a plurality of display devices capable of communicating with each other, wherein one of said display devices can communicate with said server, another first display device, and another second display device, and a frequency for communication between the display device and said another first display device differs from a frequency for communication between the display device and said another second display device.

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5. A video display device for displaying images received from a server for distributing images or another video display device, comprising:

 a storage unit for storing said images;
15 a display unit which displays said images;
 a processing unit for reading out said images from said storage unit and transferring said images to said display unit;

 a first communication interface for communication with said server or said another display device; and
20 a second communication interface for communication with a user terminal,

 wherein a communication frequency of said first communication interface is higher than a communication frequency of said second communication interface.

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6. The video display device according to claim 5, wherein:
said first communication interface comprises a third
communication interface allowing communication with said
server or a video display device at upstream side along a
5 distribution path of said images and a fourth communication
interface for transmitting said images to the other video display
devices at downstream side along the distribution path of said
images,

10 said storage unit stores the identifiers of said
downstream video display devices, and

15 said processing unit establishes communication between
said fourth interface and another downstream video display
device whose identifier matches with the identifier of said
another downstream video display device stored in said storage
unit.

7. The video display device according to claim 6, wherein:
each of said images include the identifier of said video
display device,

20 said storage unit stores its own identifier of the video
display device,

25 said processing unit compares said own identifier and
said identifier included in said images, judges images including
an identifier not matching with said own identifier according
to the result of the comparison, and removes said images

including the identifier not matching with said own identifier from said storage unit after said fourth interface transmits said images including the identifier not matching with said own identifier to said another downstream video display device.

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8. The video display device according to claim 5, wherein:
said first communication interface comprises a third communication interface for communication with said server or a video display device at upstream side along a distribution path of said images and a fourth communication interface for communication with another video display device at downstream side along the distribution path of said images, and
a frequency for said third communication interface differs from a frequency for said fourth communication interface.

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9. The video display device according to claim 5, wherein:
said first communication interface receives a first image to be displayed on said display unit and a second image to be displayed on said user terminal from said server or said another video display device,

when said second communication interface receives a request from said user terminal, said processing unit identifies the first image being displayed on said display unit at a point 25 of time when the request has been received from said user terminal

and identifies the second image received together with said identified first image, and

 said second communication interface transmits said identified second image to said user terminal.

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10. The video display device according to claim 9, wherein the contents of said second image are related to the contents of said first image.

10 11. The video display device according to claim 5, wherein:

 when said second communication interface receives a request from said user terminal, said processing unit scales down the image being displayed on said display unit at a point of time when the request has been received from said user terminal,

15 and

 said second communication interface transmits said scaled down image to said user terminal.

12. A video display device for displaying images received 20 from a server for distributing images or a video display device at upstream side along a distribution path of said images and transmitting the images to a video display device at downstream side along the distribution path of said images, comprising:

 a first communication interface for receiving, from said 25 server or said upstream video display device, destination

information defining an identifier of a video display device to which said server distributes the images;

5 a second communication interface for sending a request for an identifier of another video display device to said another video display device and receiving the identifier of said another video display device from said another video display device; and

10 a determination unit which compares the identifier within said destination information and the identifier of said another video display device and determines said another video display device whose identifier matching with the identifier within the destination information as said downstream video display device.

15 13. The video display device according to claim 12, wherein:

20 said second communication interface establishes communication with said downstream video display device, and when said second communication interface has established communication with said downstream video display device, said first communication interface notifies said server or said upstream video display device of communication established between the video display device and the downstream video display device.

25 14. The video display device according to claim 12, further

comprising a third communication interface for communication with a user terminal.